

INNOCN GA32V1M MAX

INNOCN GA32V1M MAX 32-inch 4K QD-MiniLED Gaming Monitor User Manual

Model: GA32V1M MAX

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using this monitor. Keep this manual for future reference.

- Do not expose the monitor to rain, moisture, or extreme temperatures.
- Ensure proper ventilation around the monitor. Do not block ventilation openings.
- Use only the power adapter and cables provided by the manufacturer.
- Avoid placing heavy objects on the power cord or the monitor itself.
- Disconnect the power plug from the outlet if the monitor will not be used for a long period.
- Do not attempt to service the monitor yourself. Refer all servicing to qualified personnel.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- INNOCN GA32V1M MAX Monitor
- Monitor Stand (Base and Neck)
- Power Adapter and Power Cable
- HDMI Cable
- DisplayPort (DP) Cable
- USB Type-C Cable
- USB Type-B to Type-A Cable
- User Manual

お好みの高さや角度に

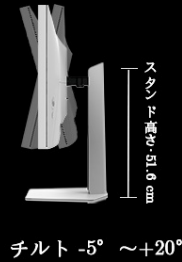
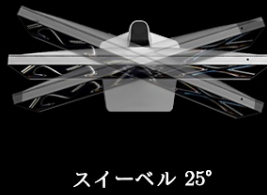


Figure 2.1: Package Contents

3. MONITOR ASSEMBLY

3.1 Attaching the Stand

1. Carefully place the monitor face down on a soft, clean surface to prevent scratches.
2. Attach the stand neck to the back of the monitor, aligning the mounting points.
3. Secure the stand neck with the provided screws.
4. Attach the stand base to the bottom of the stand neck and tighten the thumb screw.

その没入感、 もう27インチには戻れない。

32インチだからこそ味わえる 圧倒的な視界と没入体験

左：27インチ

右：32インチ



画面がやや小さい



ゲームの没入感は普通



多ウィンドウの混雑



VS



超大ゲーム画面



より強い臨場感



より快適な視聴距離

FPS



✓ FPSでも視認範囲が広い

RPG



✓ RPG・オープンワールドの迫力アップ

映画



✓ 映画・アニメがもっと没入できる

マルチモニター



✓ 作業領域が広く、マルチタスクも快適

Figure 3.1: Monitor with Stand Assembled

3.2 VESA Mounting

The monitor supports VESA 100x100mm mounting for alternative stands or wall mounts (sold separately).

1. Remove the stand if it is already attached.
2. Attach your VESA-compatible mount to the four screw holes on the back of the monitor.
3. Ensure the mount is securely fastened according to the mount manufacturer's instructions.

もう、選ばなくていい。

4K 160Hz / FHD 320Hz デュアルモード



— 1台で、すべてのプレイスタイルに対応 —

Figure 3.2: VESA Mounting Points

4. CONNECTING YOUR MONITOR

The monitor features various ports for connectivity. Refer to the diagram below for port locations.



Figure 4.1: Monitor Ports

1. **Power Connection:** Connect the power adapter to the monitor's DC Power In port and then plug the power cable into a power outlet.
2. **Video Input:**
 - **HDMI:** Connect an HDMI cable from your computer or game console to one of the monitor's HDMI ports.
 - **DisplayPort (DP):** Connect a DisplayPort cable from your computer to the monitor's DP port.
 - **USB Type-C:** For compatible devices (e.g., laptops), connect a USB Type-C cable to the monitor's USB-C port for video, data, and up to 90W power delivery.
3. **USB Hub:** Connect the USB Type-B to Type-A cable from your computer to the monitor's USB-B upstream port. This enables the monitor's USB-A downstream ports for connecting peripherals.
4. **Audio Output:** Connect headphones or external speakers to the 3.5mm Audio Out port.

5. BASIC OPERATION

5.1 Power On/Off

Press the power button (usually located on the back or bottom of the monitor) to turn the monitor on or off. The power LED indicator will show the monitor's status.

5.2 OSD Menu Navigation

The On-Screen Display (OSD) menu allows you to adjust various monitor settings. Use the joystick control, typically located on the back of the monitor, to navigate the menu.

GA32V1M MAX

見やすさまで進化。 AR+ATW搭載の上位モデル

映り込みを抑え、斜めから見ても自然な色。



反射低減

映り込みを抑え、明るい環境でも快適。

従来モデル



GA32V1M MAX



視野角改善

斜めから見ても色変化が少なく、どの角度でも自然で鮮やか。



従来モデル

GA32V1M MAX



映り込みを軽減
反射を抑え、視認性を高める。



明るい部屋でも見やすい
自然な明るさとコントラスト。



斜めから見ても色が自然
広い視野角で、色変化を軽減。

AR+ATW

DUAL RESOLUTION

高度な AR (アンチリフレクション) と

ATW (映画も、ゲームも、『画面を見る』から『世界に入る』へ) 技術を融合。

映り込みを抑え、どこから見ても美しい映像体験を実現。

Figure 5.1: OSD Joystick Control

- **Push the joystick:** Enter the OSD menu or confirm a selection.
- **Move joystick Up/Down:** Navigate through menu options.
- **Move joystick Left/Right:** Adjust values or move to sub-menus.
- **Push and hold:** Power off the monitor (if configured).

6. ADVANCED FEATURES

6.1 Dual Mode: 4K 160Hz / FHD 320Hz

The GA32V1M MAX offers a unique dual-mode functionality, allowing you to switch between high-resolution 4K at 160Hz and ultra-high-refresh-rate FHD (1080p) at 320Hz. This provides flexibility for different applications:

- **4K 160Hz:** Ideal for detailed visual experiences in RPGs, AAA titles, movie viewing, and video editing.
- **FHD 320Hz:** Provides ultra-smooth motion for competitive FPS, racing games, and e-sports where every

millisecond counts.

You can switch between these modes via the OSD menu or dedicated hotkeys if available.



Figure 6.1: Dual Mode Operation

6.2 QD-MiniLED Technology with HDR1000

This monitor utilizes QD-MiniLED technology with 2304 local dimming zones and HDR1000 support. This combination delivers:

- **Exceptional Contrast:** Deep blacks and bright whites for a dynamic visual experience.
- **Accurate Color Reproduction:** Quantum Dot technology ensures a wide color gamut and precise colors.
- **HDR1000:** Provides a peak brightness of 1000 nits, enhancing details in both bright and dark scenes for a more realistic image.



Figure 6.2: QD-MiniLED and HDR1000 Benefits

6.3 AR Low Reflection & ATW Wide Viewing Angle

The monitor features Anti-Reflection (AR) coating and Advanced True Wide (ATW) viewing angle technology:

- **AR Low Reflection:** Minimizes glare and reflections from ambient light, ensuring clear visibility even in brightly lit environments.

- **ATW Wide Viewing Angle:** Reduces color shift and maintains image quality when viewed from various angles, providing a consistent visual experience for multiple viewers or flexible seating positions.



Figure 6.3: AR Low Reflection and ATW Wide Viewing Angle

6.4 0.5ms MPCS Response Time

With a rapid 0.5ms MPCS (Moving Picture Response Time), the monitor significantly reduces motion blur and ghosting in fast-paced scenes. This is crucial for competitive gaming, providing a clear and responsive visual experience.

6.5 KVM Functionality

The integrated KVM (Keyboard, Video, Mouse) switch allows you to control multiple computers with a single set of keyboard and mouse connected to the monitor. When switching video inputs, the monitor automatically switches the USB peripherals to the selected computer, streamlining your workspace.

6.6 USB-C 90W Power Delivery

The USB Type-C port supports up to 90W Power Delivery, allowing you to connect and charge compatible laptops with a single cable. This cable handles video signal, data transfer, and power, reducing cable clutter on your desk.

7. MAINTENANCE AND CARE

- **Cleaning the Screen:** Gently wipe the screen with a soft, lint-free cloth. For stubborn marks, dampen the cloth with a mild, non-abrasive screen cleaner. Never spray cleaner directly onto the screen.
- **Cleaning the Casing:** Use a soft, dry cloth to clean the monitor casing. Avoid using abrasive cleaners or solvents.
- **Storage:** If storing the monitor for an extended period, disconnect all cables and store it in a cool, dry place, preferably in its original packaging.
- **Avoid Direct Sunlight:** Do not expose the monitor to direct sunlight or other heat sources.

8. TROUBLESHOOTING

If you encounter problems with your monitor, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No image on screen	No power; Incorrect input selected; Loose video cable	Check power connection; Select correct input via OSD; Reconnect video cable securely
Image is blurry or distorted	Incorrect resolution; Video cable issue	Set to native resolution (3840x2160); Try a different video cable
No sound	Volume too low; Incorrect audio output selected; Loose audio cable	Adjust volume; Select correct audio output in OSD/PC settings; Reconnect audio cable
KVM not switching	USB-B upstream cable not connected; KVM function not enabled	Ensure USB-B cable is connected to both monitor and PC; Enable KVM in OSD
Monitor flickers	Refresh rate mismatch; Faulty cable; Graphics card issue	Adjust refresh rate in PC settings; Try a different cable; Update graphics drivers

If the problem persists after trying these solutions, please contact customer support.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	INNOCN
Model Number	GA32V1M MAX
Screen Size	32 inches
Resolution	4K UHD 2160p (3840 x 2160 pixels)
Aspect Ratio	16:9
Refresh Rate	Up to 320 Hz (FHD), 160 Hz (4K)
Response Time	0.5 ms (MPCS)
Display Type	QD-MiniLED
Local Dimming Zones	2304 zones
HDR Technology	HDR1000
Surface Treatment	AR Low Reflection
Viewing Angle	ATW Wide Viewing Angle
Connectivity	2x HDMI 2.1, 1x DisplayPort 1.4, 1x USB Type-C (90W PD), 1x USB Type-B (Upstream), 4x USB 3.0 Type-A (Downstream), 1x 3.5mm Audio Out
KVM Function	Supported
VESA Mount Compatible	100x100mm

Feature	Specification
Product Dimensions (D x W x H)	24.2 x 71.4 x 55.9 cm (with stand)
Product Weight	8.55 kg

10. WARRANTY AND CUSTOMER SUPPORT

This INNOCN GA32V1M MAX monitor comes with a **1-year manufacturer's warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

The warranty does not cover:

- Damage caused by accident, abuse, misuse, flood, fire, earthquake, or other external causes.
- Damage caused by operating the product outside the permitted or intended uses described by INNOCN.
- Damage caused by service performed by anyone who is not a representative of INNOCN or an INNOCN Authorized Service Provider.

For warranty claims, technical support, or any inquiries regarding your product, please contact INNOCN customer support through their official website or the retailer where you purchased the monitor. Please have your purchase receipt and monitor serial number ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

